Attorney Docket No.	000049-00110
irst Inventor or Application Identifier	John W. PETTIT
	DETECTOR USING CARBON NANOTUBE MATERIAL AS COLD CATHEODE FOR SYNTHETIC RADIATION O SOURCE

APPLICATION ELEMENTS See MPEP chapter 500 concerning utility patient application contents    APPLICATION ELEMENTS	F	PAIENT APPLICATION First Inventor or Application Identifier John W. PETTIT								
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APPLICATION ELEMENTS See MPEP chapter 600 concenting utility patient application contents  APPLICATION ELEMENTS See MPEP chapter 600 concenting utility patient application contents  APPLICATION APPLICATION PARTS See MPEP chapter 600 concenting utility patient application contents  ACCOMPANYING APPLICATION PARTS See 37 CFR 1.27  Data pages  Specification  Total Pages  Statement (IDS)PTO-1449  Citations  Statement (IDS)PTO-1449  Citations  Statement (IDS)PTO-1449  Citations  Statement (IDS)PTO-1449  Citations  Statement (IDS)PTO-1449  Specification or Specification (ST CFR §1 83(d))  (Group or application, a see 37 CFR §1 83(d))  (Group or application, a see 37 CFR §1 83(d))  (Group or application, a see 37 CFR §1 83(d))  Specification or Sequence Submission  (If application, all necessary)  Specification or Sequence Listing on:  Statements verifying identity of above copies  Statements verifying id	7		l louror E.							
See MPEP chapter 600 concerning ultity patient application contents    P.O. Box 1450	5					<u></u>				
Alexandria   VA 22313-1450   Alexandria   VA 14500	Б			ADDR	ESS TO	. Commissioner for Lateritis				
See Transmittal Form (e.g. PTO/SB/17) (Submit an original and and audicate for the processing)   Assignment Papers (cover sheet & document(s))   See 37 CFR 1.27		Gee Wir Er Chapter 600 Concerning Gainty patent ap	piication contents			- m				
2. Applicant claims small entity status. See 37 CFR 1.27 3. Specification Total Pages \$\int    10.   37 C.F.R. §3.73(b) Statement   Power of Attomey wheth there is an assignment in the property of the prope	1	Fee Transmittal Form (e.g. PTO/S	SB/17)			ACCOMPANYING APPLICATION PARTS				
See 37 CFR 1.27   Specification   Total Pages   5   Total Pages   7   Total Pages		(Submit an original and a duplicate for fee	processing)	1	9. 🗌	Assignment Papers (cover sheet & document(s)				
4. Drawing(s) (35 U.S.C. 113) Total Sheets 7  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  5. Newly executed (original or copy)  b. Copy from a pior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)) 6. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Application Data Sheet. See 37 C.F.R. 1.76  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies), or ii. Paper c. Statements verifying identity of above copies  18. If a CONTINUING APPLICATION, check appropriate box, and supply the regulate information below: Continuation information: Examiner: Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification or Security of provisional application Serial No. Filed  20. CORRESPONDENCE ADDRESS  BLANK ROME LLP 600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 TEL (202) 944-3000 FAX (202) 572-8398	2		JS.		10. 🗌					
A.	3	Specification Tota	Il Pages 5		11. 🔲	English Translation Document (if applicable)				
5.	4	. Drawing(s) (35 U.S.C. 113) Tota	Sheets 7	,	12. 🗌	<del>-</del> ,				
b.	5				13. 🔲	Preliminary Amendment				
i. □ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).  6. □ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. □ Application Data Sheet. See 37 C.F.R. 1.76  8. □ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. □ Computer Readable Form (C.R.F.) b. □ Specification or Sequence Listing on:  □ CD-ROM or CD-R (2 copies); or ii. □ Paper c. □ Statements verifying identity of above copies  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:  □ Prior application information: Examiner: Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b s considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification by inserting before the first line the sentence:  □ This application is a □ Continuation □ Division □ Continuation-in-part (CIP)  □ dapplication Serial No. □ Filed on  □ This application Claims priority of provisional application Serial No. □ Filed on  □ This application Claims priority of provisional application Serial No. □ Filed on  □ This application Serial No. □ Filed on  □ Continuation-in-part (CIP)  □ Goo NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037  □ TEL (202) 944-3000 FAX (202) 572-8398		b. Copy from a prior application (37)	C.F.R, §1.63(d))		14. 🛛	White Advance Serial No. Postcard				
16.   Request and Certification under 35 U.S.C.   122(b)(2)(B)(i). Applicant must attach form Program (Appendix)		i. DELETION OF INVENT	OR(S)		15. 🗌					
Program (Appendix)  7. Application Data Sheet. See 37 CFR 1.76  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no: Prior application information: Examiner: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b s considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification by inserting before the first line the sentence: This application is a Continuation Division Continuation-in-part (CIP) of application Serial No. Filed on    This application claims priority of provisional application Serial No. Filed    20. CORRESPONDENCE ADDRESS	6	prior application, see 37 C.F.F.	?. §1.63(d)(2) and 1.33(	(b).	16. 🗌	122(b)(2)(B)(i). Applicant must attach form				
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c. Statements verifying identity of above copies  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:  Continuation Divisional Continuation-in-part (CIP) of prior application no.:  Prior application information: Examiner: Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b s considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification by inserting before the first line the sentence:  This application is a Continuation Division Continuation-in-part (CIP) of application Serial No. Filed on  This application claims priority of provisional application Serial No. Filed  20. CORRESPONDENCE ADDRESS  BLANK ROME LLP 600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 TEL (202) 944-3000 FAX (202) 572-8398  27557  PATENT TRADEMARK OFFICE	(if applicable, all necessary) a. □ Computer Readable Form (CRF) b. □ Specification or Sequence Listing on: i. □ CD-ROM or CD-R (2 copies); or									
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application no.:    Prior application information:   Examiner:   Group Art Unit:   For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b s considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification by inserting before the first line the sentence:    This application is a   Continuation   Division   Continuation-in-part (CIP)			oove copies							
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For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b s considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. Amend the specification by inserting before the first line the sentence:    This application is a		☐ Continuation ☐ Divisional	☐ Continua	ition-in-p	oart (CIF	of prior application no.:				
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Name: Michael C. Greenbaum Registration No.: 28,419	600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 TEL (202) 944-3000 FAX (202) 572-8398 27557									
	Γ	Name: Michael C. Greenbaum	/			Registration No.: 28,419				

Signature: Date: December 16, 2003

## **FEE TRANSMITTAL** for FY 2004

Patent fees are subject to annual revision.

Complete if Known				
Application Number	Unassigned			
Filing Date	December 16, 2003 (herewith)			
First Named Inventor	John W. Pettit			
Examiner Name	Unassigned			
Group / Art Unit	Unassigned			
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Depo	sit					127	7 5	60	227	25	Surcharge - late provisional filing fee or cover sheet.	
Acco	unt	BL	ANK R	OME LLP		139	9 1	30	139	130	Non-English specification	
Name	-	<u> </u>				147	7 2	2,520	147	2,520	For filing a request for reexamination	
\	Jnder 37	CFR 1.1	onal Fee R	7		112	2 9	920°	112	920*	Requesting publication of SIR prior to Examiner action	
	See 37 C	CFR 1.27		ity status.		113	3 1	,840*	113	1,840*	Requesting publication of SIR after Examiner action	
2.	Payme	ent Enclo	ised:			115	5 1	10	215	55	Extension for reply within first month	
	Check	☐ Cr	redit card	☐ Money Order	☐ Other	116	5 4	20	216	210	Extension for reply within second month	
			FFF C	ALCULATION		117	7 9	50	217	475	Extension for reply within third month	
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Large	Entity	Small	Entity			128	3 2	2,010	228	1,005	Extension for reply within fifth month	
Fee	Fee	Fee		Fee Description		119	9 3	330	219	165	Notice of Appeal	
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101	770	201		Utility filing fee	385	121	1 2	280	221	145	Request for oral hearing	
106 107	340 530	206 207		Design filing fee Plant filing fee		138	3 1	,510	138	1,510	Petition to institute a public use proceeding	
108	770	208		Reissue filing fee	;	140	) 1	110	240	55	Petition to revive – unavoidable	
114	160	214	80 I	Provisional filling	fee	] [141	1 1	,330	241	665	Petition to revive – unintentional	
			UBTOTAL	(4)	(\$) 385	7 142	2 1	,330	242	665	Utility issue fee (or reissue)	
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lultiple ependent					\$290	581	1 4	10	581	40	Recording each patent assignment per property (times number of properties)	
Large Fee	Entity Fee	Fee	Fee	/ Fee Descripti	lon	146	5 7	70	246	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code 103	( <b>\$</b> ) 18	Code 203	( <b>\$</b> ) 9	Claims in exc		149	7	770	249	385	For each additional invention to be examined (37 CFR § 1.129(b))	
102	86	202	42	•	claims in excess of 3	179		770	279	385	Request for Continued Examination (RCE)	_
104	290	204	140	• •	ndent claim, if not paid			-				_
109	86	209	42	original patent		169	9 9	900	169	900	Request for expedited examination of a design application	
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BLANK ROME LLP 600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 TEL (202) 772-5800 FAX (202) 572 FAX (202) 572-8398

\*\*or number previously paid, if greater, For Reissues, see above



27557

PATENT TRA DEMARK OFFICE

SUBMITTED BY			Co	mplete (if applicable)
Name (Print/Type)	Michael C. Greenbaum	Begistration No.( Attorney/Agent) 29,419	Telephone	202-772-5800
Signature		1///	Date	December 16, 2003

## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	John W. Pettit
Title	DETECTOR USING CARBON NANOTUBE MATERIAL AS COLD CATHODE FOR SYNTHETIC SOURCE
Atty. Docket Number	000049-00110

We hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

We hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 16, 2003

Date

Signature

Michael C. Greenbaum, Reg. No. 28,419

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.** 

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application.

Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).